SPECIFICATION AMENDMENT

1. Please replace the paragraph beginning at line 16 page 31 with the following amended paragraph:

Next the cDNA library was screened using differential hybridization to ~~ide_tify~~ **identify** stem-specific cDNAs. Specifically, macroarrays consisting high density replica filters (three copies: A, B and C) of the library were prepared using a 3X3 duplicate grid pattern using a Beckman Biomek 2000. Each copy of the library (9 filters) was first probed with radioactively-labeled (random decamer priming method; Decaprime II kit, Ambion) cDNA of top, mid and bottom stem tissues, respectively. Hybridization were carried out at 65.degree.C. and blots were washed up to the final stringency of 0.3.times.SSC/0.1.percen.SDS and exposed to X-ray films. After the autorads from these hybridizations were obtained, filters of copies A and B were stripped and hybridized with 32P-labeled cDNA probes of leaf and root tissues, respectively. Both strong and weak hybridization signals were recorded with an intention of identifying cDNAs that are strongly expressed in one type of tissue but weak in all others and vice versa. Using this strategy, information from all possible combinations (stem top vs root, stem mid vs leaf, stem mid vs root, stem bottom vs leaf, stem bottom vs root, stem top vs stem mid, stem top vs stem bottom, stem mid vs stem bottom and leaf vs root) was gathered. Data obtained from these substractions revealed that a total of 188 cDNAs were present specifically in stem and 41 cDNAs displayed constitutive expression. To further corroborate the expression patterns of these cDNA clones, DNA gel blots were prepared using restriction digests of 36 selected clones and probed with radioactively-labeled cDNA from five tissues separately. Based on these analyses, 25 clones displayed stem-specific expression and 11 cones showed constitutive expression (See FIGURE 4).

2. Please replace the paragraph beginning at line 21 page 11 with the following amended paragraph:

FIGURE 11 is a genomic DNA gel blot analysis of HindIII digested **sugarcane** genomic DNA ~~from sugarcane lines transgenic for GUS gene under control of the stem-regulated OMT promoter~~ **hybridized with *GUS* gene probe. Lanes 1, 2, 5, 8, 11 & 12: One positive transformation event; Lanes 4, 6 & 7: Another positive event; Lanes 3 & 10: A negative event**.

3. Please replace the paragraph beginning at line 1 page 12 with the following amended paragraph:

FIGURE 13 is a ~~genomic~~ **phosphoimage of** DNA gel blot analysis of HindIII digested **rice** genomic DNA ~~from rice lines transgenic for GUS under control of the stem-regulated OMT promoter~~**hybridized to hygromycin gene probe. Lane 1: Untransformed plant; Lanes 2, 3, 4 & 5: 3 independent *pOMT1::GUS* lines; Lane 6: one *pOMT2::GUS* line**.